

L3 ver12696	text	clarification
EOC-5010	<p>The EOC shall receive from EDOS the following telemetry data types in CCSDS packets containing:</p> <ul style="list-style-type: none"> a. Real-time spacecraft and instrument housekeeping data including instrument and spacecraft housekeeping b. Spacecraft recorder housekeeping data c. SCC memory dump data 	mod
EOC-8375	<p>The EOC status report shall include at a minimum the following:</p> <ul style="list-style-type: none"> a. DAR statistics b. Compliance with the LTSP and LTIP c. Anomaly reports d. Maintenance report e. ICC status report information 	mod
ICC-0070	<p>The ICC shall be capable of accommodating instrument team-provided software and/or hardware to perform functions such as:</p> <ul style="list-style-type: none"> a. DAR processing b. Planning c. Scheduling d. Quick-look processing e. Analysis f. Onboard microprocessor management 	mod
ICC-0030	<p>The ICC shall have the capability to notify the TL or instrument PI at the IST of, at a minimum, the following:</p> <ul style="list-style-type: none"> a. Conflicts found in planning and scheduling b. Arrival of instrument engineering data c. Arrival of quick-look data d. Instrument anomalies found during instrument monitoring 	mod
ICC-1010	<p>The ICC shall provide the IMS with instrument information needed by the IMS for DAR generation.</p>	del
ICC-1020	<p>The ICC shall be able to generate and submit DARs to the IMS.</p>	del
ICC-1040	<p>The ICC shall interface with the IMS to receive status of the DARs generated at the ICC.</p>	del
ICC-1041	<p>The ICC shall maintain the status of all DARs submitted to it from the IMS.</p>	del
ICC-1042	<p>The ICC shall accept a DAR which requires the use of its instrument on the EOS spacecraft, up to three weeks before the start of the target week.</p>	del

L3 ver12696	text	clarification
ICC-1044	The ICC shall be able to accept a DAR or a DAR modification, which requires the use of its instrument on the EOS spacecraft, between three weeks and one week before the start of the target week, subject to availability of resources left unallocated.	del
ICC-1050	The ICC shall receive DARs and their updates from the IMS.	del
ICC-1060	The ICC shall be capable of processing a DAR that requires coordination with other observations.	del
ICC-1070	The ICC shall be capable of processing a DAR that specifies primary requests with alternatives in priority order.	del
ICC-1080	The ICC shall evaluate, and accept or reject a DAR or DAR update, and notify the IMS on the basis of at a minimum the following: a. Completeness and consistency of the DAR b. Instrument capabilities and constraints c. Priorities based on the LTSP d. LTIP requirements and constraints e. Availability of resources	del
ICC-1082	The ICC shall assign a priority to each DAR, based on a conformity check against the LTSP and the LTIP.	del
ICC-1090	The ICC shall have the capability to send a DAR evaluation request to the IST.	del
ICC-1100	The ICC shall accept from the IST either DAR acceptance notification with updates, if any, or DAR rejection notification along with the reasons for rejection.	del
ICC-1105	The ICC shall have the capability to communicate with a DAR originator(s) for modification and for clarification of DARs.	del
ICC-1110	The ICC shall be able to evaluate a DAR or DAR update within 24 hours of receipt from the IMS.	del
ICC-1115	The ICC shall accept a DAR for a TOO observation up to 6 hours before the actual observation.	del
ICC-1140	The ICC shall be capable of processing a DAR that specifies observations in terms of times, targets (geographical locations), or both.	del

L3 ver12696	text	clarification	
ICC-1160	_The ICC shall provide the IMS with DAR status information upon initial determination of acceptance or rejection, upon request from the IMS, or upon change to the DAR or DAR status.		del
ICC-1170	_The ICC shall maintain a record of its approved DARs for inclusion in its plans and schedules.		del
ICC-2055	_The ICC shall notify the IMS of the planned or scheduled observation times associated with each DAR and any subsequent changes to the times.		del
ICC-2110	_The ICC shall be capable of converting a DAR into scheduling directives suitable for inclusion in its plans and schedules. <u>The ICC shall be capable of converting PI/TL-provided instrument deviation requests into scheduling directives suitable for inclusion in its instrument resource profile.</u>		mod
ICC-2120	The ICC shall accept requests for instrument support activities from the IST. <u>The ICC shall accept deviation requests from the IST.</u>		mod
ICC-2190	_The ICC shall build or update its instrument resource profile, or when a resource profile exists, its instrument resource deviation list, based, at a minimum, on the following: a._Accepted DARs (if any) and/or anticipated observations b._Instrument support activities <u>a. PI/TL provided instrument deviation requests.</u> c._LTSP and LTIP d._Current resource availability e._Current predicted orbit data and related information f._Rejection notification from the EOC of activities that can not be accommodated in the preliminary resource schedule g._Existing preliminary resource schedule	Deleted 1138 L2 trace. DV Deleted 1411 L2 trace. DV	mod
ICC-2210	_The ICC shall ensure that its instrument resource profile (or instrument resource deviation list) contains no internal conflicts.		mod

L3 ver12696	text	clarification
ICC-2280	<p>_The ICC shall generate or update the instrument activity list, or when a baseline activity profile exists, the instrument activity deviation list, based, at a minimum, on the following:</p> <ul style="list-style-type: none"> a._DARs ba._ Instrument support activities PI/TL provide instrument deviation requests. eb._ LTSP and LTIP dc._ Preliminary resource schedule ed._ Current resource availability information fe._ Current predicted orbit data and related information gf._ Responses to contingency/emergency conditions hg._ Rejection notification from the EOC of the activities that cannot be accommodated in the detailed activity schedule 	mod
ICC-2290	<p>_The ICC shall generate the instrument activity list or the instrument activity deviation list (when an activity profile exists for the instrument) in both machine-usable and human-readable forms, to describe for each activity, at a minimum, as many of the following that apply:</p> <ul style="list-style-type: none"> a._ Activity identifier including traceability to DARs and/or instrument support activities to PI/TL-provided deviation requests. b._ Objectives c._ Resource requirements d._ Start time constraints and duration e._ Instrument modes as a function of time f._ Pointing angles and field of view (FOV) g._ Specified tolerance limits h._ Disturbances caused for each instrument mode 	mod
ICC-2350	<p>_In support of a TOO observation or a late change, the ICC shall update the instrument activity list or the instrument activity deviation list (when an activity profile exists for the instrument) within 8 hours, if the DAR corresponding observation or the late change affects existing instrument activities or creates new conflicts.</p>	mod

L3 ver12696	text	clarification
ICC-2370	_In support of a TOO observation, the ICC shall update the instrument activity list or the instrument activity deviation list (when an activity profile exists for the instrument) within 30 minutes, if the DAR corresponding observation or the late change does not affect existing instrument activities or create new conflicts.	mod
ICC-4412	_The ICC shall accept quick-look data sets from EDOS.	del
ICC-4415	_The ICC shall accept and be capable of displaying processed quick-look products from the DADS.	del
ICC-4435	_The ICC shall have the capability to process and display quick-look data.	del
ICC-4500	_The ICC shall provide the capability to generate instrument performance data based on the processing of quick-look data , instrument housekeeping data, and instrument engineering data.	mod
ICC-4610	_Upon request from the PI/TL, the ICC shall provide the IST with at a minimum the following: a._Instrument performance assessment data b._ Quick-look data	mod
ICC-4710	_The ICC Instrument Data Base (IDB) shall include at a minimum the following: a._Instrument housekeeping data formats b._Instrument engineering data formats c._Housekeeping and engineering parameter descriptions d._Command descriptions e._Syntactical rules for commands and operator directives f._Operator directives g._Display formats h._Planning and scheduling definitions and constraints i._Analysis algorithms j._Report formats k._ Quick-look algorithms l._Derived telemetry parameter equations m._Parameter limits n._Instrument characteristics o._Command validation parameters	mod

L3 ver12696	text	clarification	
ICC-4780	<p>The ICC shall maintain a history log of instrument and ICC activities for at least 7 days, including at a minimum the following:</p> <ul style="list-style-type: none"> a. All messages sent and received b. Engineering and housekeeping data c. Operator requests/directives and responses d. Commands e. Microprocessor loads and dumps f. Limits violations g. Error conditions h. Instrument status data i. Executed schedules j. Analysis results k. Instrument calibration parameters l. Spacecraft status information m. Quick-look data nm. ICC reconfiguration information 		mod
ICC-6080	<p>The ICC shall provide the capability to analyze and report its internal performance at a minimum for the following:</p> <ul style="list-style-type: none"> a. CPU utilization b. Processing throughput for plans and schedules, DARs, and commands c. Equipment downtime d. Mass storage utilization e. Communication resource utilization f. Data accounting 		mod
ICC-6205	<p>The ICC status report shall include at a minimum the following:</p> <ul style="list-style-type: none"> a. DAR statistics ba. Compliance with LTIP eb. Anomaly reports dc. Maintenance reports 		mod
ICC-7010	<p>The IST shall have the capability to accept from the ICC and display, in parallel with any current activities in the IST, a notification regarding at a minimum the following:</p> <ul style="list-style-type: none"> a. Conflicts found in planning and scheduling b. Arrival of instrument engineering data c. Arrival of quick-look data dc. Instrument anomalies found during instrument monitoring 		mod
ICC-7110	<p>The IST shall provide the capability to communicate with a DAR originator(s) for modification and for clarification of DARs.</p>		del

L3 ver12696	text	clarification
ICC-7150	_The IST shall provide the capability to generate and submit DARs to the IMS.	del
ICC-7170	_The IST shall receive from the IMS status of the DARs generated at the IST.	del
ICC-7180	_The IST shall have the capability to accept from the ICC a DAR evaluation request along with the corresponding DAR.	del
ICC-7190	_The IST shall provide the capability to view and modify the DARs received from the ICC.	del
ICC-7200	_The IST shall provide the ICC with either DAR acceptance notification with updates, if any, or DAR rejection notification along with the reasons for rejection.	del
ICC-7430	<p>_The IST shall have the capability to request and accept from the ICC at a minimum the following:</p> <ul style="list-style-type: none"> a._Real time instrument housekeeping and engineering data b._Real time spacecraft housekeeping data c._Derived parameters for its instrument d._Quick-look data ed._Instrument performance assessment data 	mod
ICC-7530	_The IST shall have the capability to display quick-look data.	del
ICC-1130	_In support of a TOO observation, the ICC shall be able to evaluate the corresponding DAR received from the IMS request within 30 minutes.	mod